

AWARD Synthetic EP Gear Oil

SYNTHETIC INDUSTRIAL GEAR OIL

PRODUCT LINE

AWARD Lubricants Synthetic EP Gear Oil is formulated to outperform petroleum EP gear oils, providing excellent gear and bearing protection in extreme hot and cold temperatures during heavily loaded applications.

APPLICATIONS

AWARD Lubricants Synthetic EP Gear Oil is utilized in enclosed spur, bevel, herringbone, helical and chain drive gear boxes requiring an AGMA EP or AGMA S gear oil.

PERFORMANCE BENEFITS

- Low Temperature Fluidity
- Sulfur / Phosphorous additives blended for Extreme Pressure Protection
- Rust and Oxidation Inhibited
- Shear Stable
- Non-Foaming
- Rapid Separation from Water
- Compatible with Seals and Petroleum EP Lubricants
- Not recommended for use in automotive differential hypoid gears.
- Not Compatible with PolyGlycol (PAG) based gear oils, Thorough Flushing prior to changeover is required in this instance.

Available In These Sizes



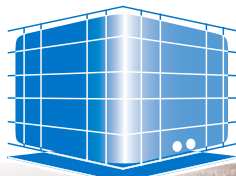
Jugs



Pails



Drums



Totes



TYPICAL PROPERTIES

ISO GRADE	ASTM TEST METHOD	150	220	320
AGMA EP Gear Class		4 EP	5 EP	6 EP
Viscosity @ 40°C, cSt	D445	156.75	228.59	329.70
Viscosity @ 100°C, cSt	D445	19.3	25.54	32.79
Viscosity Index	D2270	141	142	140
Flash Point, COC, °C (°F)	D92	244 (471)	248 (478)	250 (482)
Pour Point, COC, °C (°F)	D97	-40 (-40)	-36 (-38)	-29 (-34)
Four-Ball Wear Test 40kg, 1200 rpm, 75°C, 60 min	D4172	.40	.40	.40
Four-Ball EP Test Weld point, kg Load	D2783	315	315	315
Four-Ball EP Test Wear index Kgf	D2783	60	62	62
Foam, ml Seq I/II/III	D892	0/0/0	0/0/0	0/0/0
Rust Test	D665A & B	Pass	Pass	Pass
Copper Strip Test	D130	1b	1b	1b

PERFORMANCE SUMMARY

SPECIFICATIONS AND APPROVALS	AWARD Syn EP
US STEEL - 224	Yes
AGMA 250.04, 9005-D94, 9005-E02	Yes
DIN 51517 Part 3	Yes
Davis Brown S1.53.101	Yes
Cincinnati Milacron P-77, P-74, P-59, P-35, P-78	Yes

**Always consult with original equipment manufacturer's recommendations for specific performance and viscosity requirements.*

**Extending drain intervals should always be undertaken in conjunction with a regular oil analysis program.*

**Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notice.*

Health & Safety

This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

MSDS

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed.

MSDS can be found at:

<http://www.afdpetroleum.com/MSDS.aspx>

